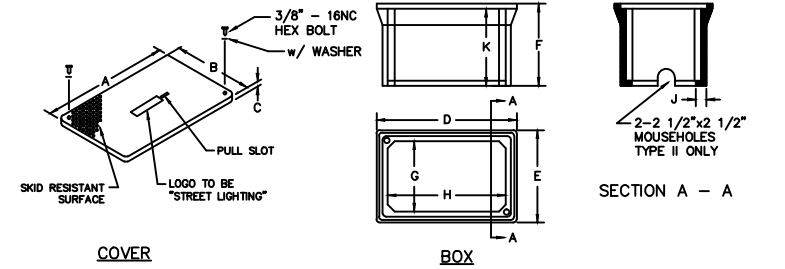
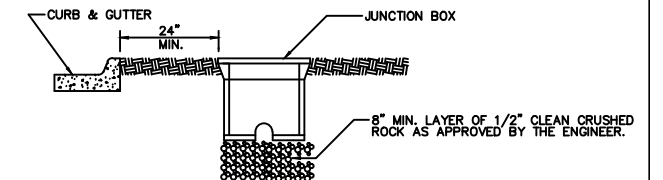


- NOTES:**
1. Installation in grass area does not use concrete backfill with compacted earth.
 2. Pull box covers and rings to be installed in the street shall have machined horizontal bearing surfaces.
 3. All surroundings to be finished to match the existing.
 4. For pull box ring and cover detail see sheet TCD - 6A

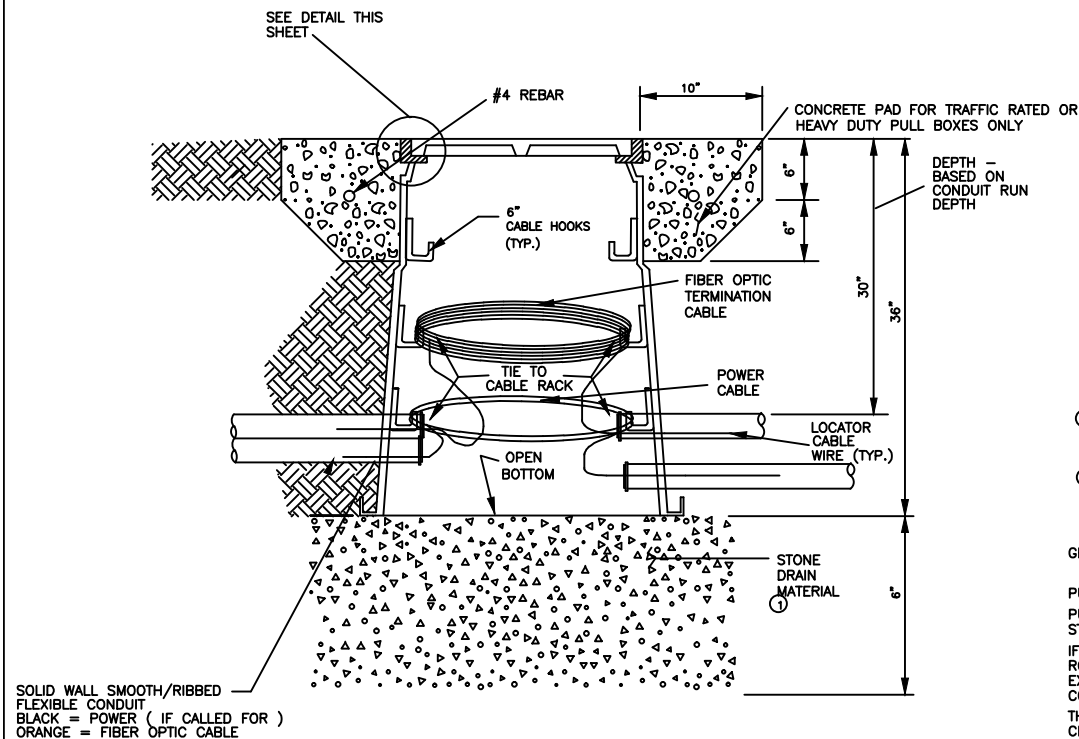


TYPE	DIMENSIONS (IN.) *										
	A	B	C	D	E	F	G	H	J	K	
I	12	7/8	12	7/8	3/4	14	14	12	3/4	10	1/2
II	18	1/2	11	1/2	3/4	20	1/2	13	1/2	12	10

* TOLERANCE ±1/4" IN ANY DIMENSION



FIBERGLASS REINFORCED POLYMER CONCRETE JUNCTION BOX DETAILS
NOT TO SCALE



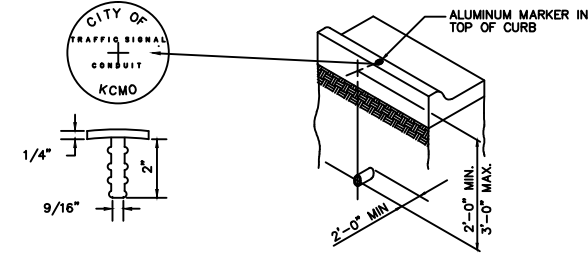
- ① AGGREGATE SHALL CONFORM TO RELEVANT KCMO STANDARD SPECIFICATIONS.
- ② CIRCULAR PULL BOX COVERS SHALL BE EMBOSSED "KCMO FIBER OPTICS". TEXT SHALL BE 4" IN HEIGHT AND CENTERED.

GENERAL NOTES:

PULLBOX FRAMES AND COVERS SHALL BE POLYMER CONCRETE. PULLBOX COVERS SHALL HAVE AN APPROVED WHEEL LOAD OF 20,000 LBS AND BE UV STABILIZED.

IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 IN. DEEP. CONNECTION TO GROUND ROD SHALL BE CADWELDED.

THE CIRCULAR PULL BOX COVER SHOULD BE SIZED TO FIT A BOX WITH A MINIMUM CLEAR OPENING OF 34 3/4 INCHES.



CONDUIT SHALL BE PLACED 2'-0" TO 3'-0" BELOW THE TOP OF CURB ELEVATION AND SHALL EXTEND 2'-0" MINIMUM BEYOND THE BACK OF CURB. CONDUIT SHALL BE INSTALLED TO DRAIN, AND ALL ENDS SHALL BE THREADED AND CAPPED. AN ALUMINUM MARKER SHALL BE COUNTER SUNK IN THE TOP OF THE CURB DIRECTLY OVER THE CONDUIT. ALUMINUM MARKERS WILL BE FURNISHED BY THE CONTRACTOR.

THE CONTRACTOR SHALL NOTIFY THE CITY OF KANSAS CITY, DEPARTMENT OF PUBLIC WORKS TRAFFIC DIVISION (816) 513-9870 FOR INSPECTION OF THE CONDUIT INSTALLATION. AT LEAST 24 HOURS NOTICE SHALL BE PROVIDED. THE CONDUIT SHALL NOT BE COVERED UNLESS INSPECTED AND APPROVED BY THE PROJECT ENGINEER OR HIS AUTHORIZED REPRESENTATIVE, SO AS TO ENSURE PROPER DEPTH, CORRECT CONDUIT MATERIAL, AND PROPER CONDUIT END TREATMENT AS DESCRIBED ABOVE.

KANSAS CITY, MISSOURI PUBLIC WORKS DEPARTMENT TRANSPORTATION PLANNING AND DESIGN SECTION		
PULL BOX, JUNCTION BOXES AND CONDUIT MARKERS		
FEDERAL PROJ. NO. _____		
PROJ. NO. _____		
DRWN BY D.BUCHANAN	DATE 08/01/13 DSGN BY S. AKULA	SCALE N.T.S. CHKD BY S. AKULA
Sheet _____ of _____		TCD-0-6